

TECHNICAL REQUIREMENTS TO ATTEND EIPM LEARNING SESSIONS ONLINE

DEVICE & BROWSERS:

Computer:

- 1GB RAM free
- Computer screen resolution > 1024*768 pixels
- Internet Browser installed (see below for specific browser requirements)
- Headset or loudspeakers
- Webcam (recommended)

Supported web browsers with the virtual class:

- Chrome v56 or higher
 - Firefox v59 or higher
 - Edge v80 or higher*
 - Safari v9 or higher*
- * in case of malfunction, please use Chrome or Firefox*

We highly recommend using CHROME or FIREFOX with the following setup:

- Cookies allowed
- Javascript allowed
- No pop-up blocker

VIRTUAL CLASSES:

- EIPM default virtual class tool - **ZOOM**
- EIPM alternative virtual class tool - **TEAMS** (upon company request)
- please consult the following pages for related specs

E-MODULE SCORM FORMATS:

- Scorm 2004 (EIPM's default & recommended format)
- Scorm 1.2 (e-modules can be supplied in Scorm 1.2 should client LMS not accept the upgraded 2004 format)



ZOOM - virtual class tool

System requirements

- An internet connection – broadband wired or wireless (3G or 4G/LTE)
- Speakers and a microphone – built-in, USB plug-in, or wireless Bluetooth
- A webcam

Supported operating systems

- macOS X with macOS X or later
- Windows 10 Home, Pro, or Enterprise (S Mode is not supported)
- Windows 7 / 8 or 8.1
- Ubuntu 12.04 or higher
- Mint 17.1 or higher
- Red Hat Enterprise Linux 6.4 or higher
- Oracle Linux 6.4 or higher
- CentOS 6.4 or higher
- Fedora 21 or higher
- OpenSUSE 13.2 or higher
- ArchLinux (64-bit only)

Supported tablet and mobile devices

- iOS and Android devices
- Blackberry devices
- Surface PRO 2 or higher, running Windows 8.1 or higher

Supported browsers

- Chrome: within 2 versions of current version
- Firefox: within 2 versions of current version
- Safari: within 2 versions of current version
- Edge: within 2 versions of current version

Processor and RAM requirements

| | Minimum | Recommended |
|-----------|----------------------------|---|
| Processor | Single-core 1Ghz or higher | Dual-core 2Ghz or higher (Intel i3/i5/i7 or AMD equivalent) |
| RAM | N/A | 4 Gb |

Bandwidth requirements

Recommended bandwidth for meeting attendees:

- For panelists video on:
 - ~600kbps (down) for high-quality video
 - ~1.2-1.8Mbps (down) for 720p HD video
 - ~2-3Mbps (down) for 1080p HD video
- For screen sharing only (no video thumbnail): 50-75kbps (down)
- For screen sharing with video thumbnail: 50-150kbps (down)
- For audio VoIP: 60-80kbps (down)



Microsoft Teams

TEAMS - virtual class tool

System requirements

- An internet connection – broadband wired or wireless (3G or 4G/LTE)
- Speakers and a microphone – built-in, USB plug-in, or wireless Bluetooth
- A webcam

Supported operating systems

- Windows 10 or 11
- macOS X – one of the 3 most recent versions

Supported tablet and mobile devices

- Android devices – one of the 4 most recent versions
- iOS devices – one of the 2 most recent versions

Supported browsers

- Chrome: the latest version plus 2
- Firefox: the latest version plus 2
- Safari: the latest version plus 2
- Edge: the latest version plus 2

Processor and RAM requirements

| | Minimum | Recommended |
|-----------|---|---|
| Processor | Single-core 1Ghz or higher (PC) / Intel Core Duo processor (Mac) | Dual-core 2Ghz or higher (Intel i3/i5/i7 or AMD equivalent) |
| RAM | N/A | 4 GB |

Bandwidth requirements

Recommended bandwidth for meeting attendees:

- For panelists video on:
 - 500kbps (down) for 360p peer-to-peer HD video
 - 1.2-1.5Mbps (down) for 720p-1080p peer-to-peer HD video
 - 1-2Mbps (down) for 1080p group HD video
- For screen sharing only (no video thumbnail): 50-75kbps (down)
- Peer-to-peer audio calling and screen sharing: 130kbps (down)
- For audio VoIP: 30kbps (down) peer-to-peer audio calling